

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
Engineering Division
Honolulu, Hawaii

January 26, 2007

Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

**Approval to Enter Into a Memorandum of Understanding Between the
Department of Land and Natural Resources (DLNR) and the
Department of Business, Economic Development and Tourism (DBEDT)
Regarding Development of a Geothermal Resource Information System**

DLNR and DBEDT wish to develop a Geothermal Resource Information System to facilitate the use of available geothermal data for resource management, policy development, and the integration of the State's Geographic Information System. The attached draft Memorandum of Understanding (MOU) to be executed between DLNR and DBEDT outlines the responsibilities of the respective departments and facilitates the transfer of funds to DLNR.

RECOMMENDATION:

That the Board of Land and Natural Resources authorize the Chairperson to execute the MOU with DBEDT for the development of a Geothermal Resource Information System, subject to Deputy Attorney General's approval as to form.

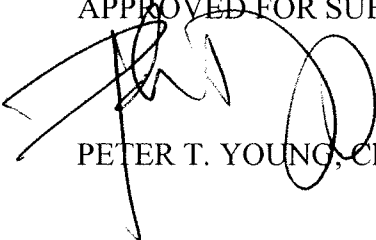
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Respectfully submitted,



ERIC T. HIRANO
Chief Engineer

APPROVED FOR SUBMITTAL:



PETER T. YOUNG, Chairperson

**MEMORANDUM OF UNDERSTANDING BETWEEN THE
DEPARTMENT OF LAND AND NATURAL RESOURCES AND THE
DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM
REGARDING DEVELOPMENT OF A
GEOTHERMAL RESOURCE INFORMATION SYSTEM**

This MEMORANDUM OF UNDERSTANDING (MOU) made and entered into on this ____ day of _____, 200__, by and between the DEPARTMENT OF LAND AND NATURAL RESOURCES (DLNR) and the DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM (DBEDT) for the development of a Geothermal Resource Information System (GRIS).

WHEREAS, DLNR and DBEDT mutually wish to pursue the development of a GRIS to facilitate the use of available geothermal data for resource management, policy development, and the integration with the State's GIS system.

WHEREAS, this project will establish the GRIS to organize and maintain data for State and national use to facilitate management and appropriate use of the resource, and policy development. The project will be conducted in two discrete phases, each with a one-year duration, with the Phase 1 tasks focused on system development, and Phase 2 tasks oriented toward GRIS expansion and increased functionality for full-scale modeling of the geothermal reservoir and subzones.

WHEREAS, DBEDT has obtained U.S. Department of Energy (DOE) funds in the amount of forty-four thousand eight hundred dollars (\$44,800.00), and may additionally receive up to four thousand two hundred dollars (\$4,200) to develop Phase 1 of the GRIS under Geothermal Outreach Grant, DE-FG36-04R021598, A002.

NOW, THEREFORE, it is mutually agreed by the parties as follows:

DLNR agrees to conduct Phase 1 tasks as follows:

- Perform an assessment of GRIS needs, including identification and compilation of available geothermal resource data for entry into the GRIS database, identification of available state GIS layers and requirements for integration of data with the State GIS system, determination of GRIS outputs for end user use, and evaluation and selection of appropriate database and GIS software platforms.
- Evaluate, select, procure and install appropriate hardware and software.
- Develop database content, including design of database and data entry structure, GRIS training and data entry.
- Provide DBEDT with necessary updates and required supporting documentation for the proper administration and management of the DOE grant in compliance with provisions of the grant.

DBEDT agrees to:

- Secure DOE funding and provide such funds to DLNR for the development of Phase 1 of the GRIS.
- Perform DOE grant administration and management including coordination and communication with DOE.

THE PARTIES FURTHER AGREE THAT:

- This MOU shall take effect on _____, 200__, and shall remain in effect until such time as it is mutually terminated or successful completion of the project, no later than February 28, 2009.
- This MOU may be modified by written supplement executed by DLNR and DBEDT.
- The undersigned parties hereby agree to abide by the terms and conditions of this MOU.

IN WITNESS WHEREOF, the DLNR and the DBEDT have executed this Memorandum of Understanding as of the date first above written.

STATE OF HAWAII
DEPARTMENT OF BUSINESS,
ECONOMIC DEVELOPMENT AND TOURISM

Approved by the Board of Land
and Natural Resources at its
meeting held on _____.

Its Director

APPROVED AS TO FORM:

STATE OF HAWAII
BOARD OF LAND AND NATURAL RESOURCES

Deputy Attorney General

Its Chairperson

Dated: _____

Board of Land and Natural Resources